



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1163

SERIAL NUMBER 10/038,883	FILING DATE 01/08/2002 RULE	CLASS 370	GROUP ART UNIT 2663	ATTORNEY DOCKET NO. 71493-1043 /pw
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Jianglei Ma, Kanata, CANADA;
 Ming Jia, Ottawa, CANADA;
 Peiying Zhu, Kanata, CANADA; Wen Tong, Ottawa, CANADA;

** CONTINUING DATA ***** JL
 This appln claims benefit of 60/329,509 10/17/2001

** FOREIGN APPLICATIONS ***** JL None.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 02/06/2002

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____	STATE OR COUNTRY CANADA	SHEETS DRAWING 7	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 3
--	--	-------------------------------	------------------------	-----------------------	----------------------------

ADDRESS

AIR MAIL

07380
 SMART & BIGGAR/FETHERSTONHAUGH & CO.
 P.O. BOX 2999, STATION D
 900-55 METCALFE STREET
 OTTAWA , ON
 K1P5Y6
 CANADA

TITLE

Scattered pilot pattern and channel estimation method for MIMO-OFDM systems

<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing)
--